

App. No. 09/785,942
Amendment dated April 22, 2004
Reply to Office action of March 4, 2004

Listing of claims:

1. (original) A computer-readable medium on a mobile computing device having computer-executable components for managing a message within a mobile device, comprising:

a main application in communication with at least one messaging component and a table, the at least one messaging component being configured to pass properties of the message to the main application using a standard interface, the properties including a class identifier associated with the message, the main application being further configured to query the table to identify a message form registered to handle messages associated with the class identifier, the main application being further configured to pass the message to the registered message form.

2. (original) The computer-readable medium of claim 1, wherein the at least one messaging component comprises a message transport.

3. (original) The computer-implemented medium of claim 1, wherein the at least one messaging component comprises a storage component.

4. (currently amended) The computer-implemented medium of claim 1, further comprising another messaging component that communicates with the at least one messaging component and the main application using the standard ~~standardized~~ interface.

5. (original) The computer-implemented medium of claim 1, wherein the class identifier distinguishes the message from other messages.

6. (original) The computer-readable medium of claim 5, wherein the class identifier is one identifier in a plurality of hierarchically structured class identifiers.

7. (original) The computer-readable medium of claim 1, wherein the table includes a listing of class identifiers that each describe a class of message, each class identifier being associated with a corresponding message form.

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8. (original) The computer-readable medium of claim 7, wherein the table further includes a default message form that is returned when the class identifier is not in the listing of class identifiers.

9. (original) The computer-readable medium of claim 7, wherein the table comprises a system registration database.

10. (original) A computer-readable medium on a mobile computing device having computer-executable instructions for performing steps, comprising:

receiving over a standard interface a notice to handle a message;

retrieving a class identifier associated with the message, the class identifier distinguishing the message from other messages having a different class identifier;

accessing a registry to identify a message form registered to handle messages having the class identifier; and

passing the message to the registered message form.

11. (original) The computer-readable medium of claim 10, wherein the notice to handle the message comprises an instruction to display the message on the mobile computing device.

12. (original) The computer-readable medium of claim 10, wherein the class identifier is stored within a property of the message.

13. (original) The computer-readable medium of claim 10, wherein the registry includes a listing of class identifiers that each describe a class of message, each class identifier being associated with a corresponding message form.

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14. (original) The computer-readable medium of claim 13, wherein the registry further includes a default message form that is returned when the class identifier is not in the listing of class identifiers.

15. (currently amended) A system for managing communication messages on a mobile device, comprising:

a message form object having a first standardized interface for communicating information with other components in the system;

an application having a second standardized interface for communicating information with other components in the system, the application being configured to identify and instantiate the message form object registered to handle messages associated with a class identifier; and

a message transport having a third standardized interface for communicating information with other components in the system,

wherein a communication message received by the system includes properties that are passed between the components of the system using the standardized interfaces.

16. (currently amended) The system of claim 15, wherein the first standardized interface includes means for instructing the message form object to perform actions.

17. (original) The system of claim 16, wherein the first standardized interface comprises an IMessageForm interface.

18. (original) The system of claim 16, wherein the first standardized interface comprises an IFormProvider interface.

19. (original) The system of claim 15, wherein the second standardized interface includes means for instructing the application to perform actions.

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20. (original) The system of claim 19, wherein the second standardized interface comprises an IMessageFormHost interface.

21. (original) The system of claim 19, wherein the second standardized interface comprises an IMailSyncCallBack interface.

22. (original) The system of claim 15, wherein the third standardized interface includes means for instructing the message transport to perform actions.

23. (original) The system of claim 22, wherein the third standardized interface comprises a IMailSyncHandler interface.